9051 Mira Mesa Blvd, #910094
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MESDC2 Mouse

Mesoderm Development Candidate 2 Mouse Recombinant
RCP1356

Product Overview

Name	MESDC2 Mouse
Description	
Mesoderm Development Candidate 2 Mouse Recombinant	
Accession (Primary)	Q9ERE7
Synonyms	
LDLR chaperone MESD, Mesoderm development candidate 2, Mesoderm development protein, Mesdc2, Mesd.	
Introduction	
Mesoderm development candidate 2 (MESDC2) is required for formation of the primitive streak and mesoderm during embryogenesis. MESDC2 binds to the Wnt co-receptors LRP5 and LRP6 in the endoplasmic reticulum and is required for their proper folding and cell surface expression.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
MESDC2 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS ADTPGEA TPPPRKKKDI RDYNDADMAR LLEQWEKDDD IEEGDLPEHK RPSAPIDFSK LDPGKPESIL KMTKKGKTLM MFVTVSGNPT EKETEEITSL WQGSLFNANY DVQRFIVGSD RAIFMLRDGS YAWEIKDFLV SQDRCAEVTL EGQMYPGKGG GSKEKNKTKP EKAKKKEGDP KPRASKEDNR AGSRREDL.	
Precautions	
MESDC2 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q9ERE7)